SC3125 KIDS AIR CONDITIONER

Product data sheet 2012

Product range	split unit air conditioners
Brand name	Zibro
Model	SC3125 Kids
Colour design	By Zibro
EAN code indoor unit	8713508761442
EAN code outdoor unit	8713508761459

Technical specifications

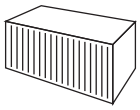
		Cooling	Heating
EER / COP *	W/W	3.24	3.61
EE-Class / Heating performance *		A	A
Capacity * nom.	kW	2.5	2.6
Capacity * (min-max)	kW	0.7 - 2.9	0.7 - 3.2
Power consumption (nom.)	kW	0.77	0.73
Power supply	V/Hz/Ph	230~ / 50 / 1	
Current ** nom. (min-max)	A	4.8	
Air flow (min-max.) **	m^3/h	350 - 450	
For rooms up to **	m^3	60 - 85	
Dehumidification capacity ***	L/24 h	24	
Operating range	°C	-15 - 43	
Thermostatic range	°C	17 - 30	
Sound pressure level indoor**	dB(A)	28 - 39	
Sound pressure level outdoor**	dB(A)	53	
Fan speed		3 positions	
Control		electronic / remote	
Number of remote controls		2 (1x parent / 1xchild)	
Function on Parent RC		Has complete range of functions	
Functions on child RC		On/off timer off (2 hrs) louvre auto	
Air filter	type	Screen/active carbon/3M HAF	
Refrigerant type / charge	R / gr	R410A / 700	
Max. length refr. pipe between in- / outdoor unit	m	4	
Max. diff. in height between in- / outdoor unit	m	2	
Dimensions indoor (w x h x d)	mm	790x275x190	
Dimensions outdoor (w x h x d)	mm	700x535x235	
Compressor type		rotary	
Protection class indoor	IP	IP 20	
Protection class outdoor	IP	IP 24	
Weight indoor	kg	14	
Weight outdoor	kg	30	
Guarantee	years	2	

* *Measured conform EN 14511-2007*

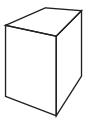
** *To be used as indication*

*** *Moisture removal at 32°C, 80% RH*

guarantee 2 YEARS



20 ft = ...
40 ft = 222
HQ = 241



W x D x H
815 x 325 x 580 mm

Gross:
33 kg

Accessories

Remote control (ABS 10FP) Adult type	8713508752587
Remote control (ABS 11K) Childs type	8713508761466
Remote control holder (2x)	
4 pcs. AAA batteries	
4 metres drainage tube	
User manual	D,DK,E,F,Fin,GB,I,NL,N,PL,S,SLO,TR.
Installation manual	D,E,F,GB,NL,PL.

Most important spare parts

Spare part description	EAN Code

zibro®
home made climates

SC3125 KIDS AIR CONDITIONER

Features

Child concept: This unit is part of the Zibro Kids range. The features of the units in the Kids range are designed to create the perfect indoor climate for children in mind. The "look and feel" of the unit is adapted to children.

3-layer air filter: The air conditioner is equipped with a 3 layer filter package to clean the circulated room air. The 3M™ HAF air filter delivered together with this unit captures allergens like bacteria, dust and pollen from the circulated air with an efficiency up to 80%. Pollen are well known as an important stimulus for hay-fever allergy. The active carbon filter removes unpleasant odours from the air and the screen filter captures large dust particles. The screen filter can be cleaned with a vacuum cleaner and/or lukewarm water. Per season 2 to 3, 3M™ HAF and active carbon filters will be used. These filters are available in a consumer package (including 1 3M™ HAF and 1 active carbon filter).

1x Parent remote control with LCD screen: The unit can be completely operated with an easy to handle remote control including LCD-display. Using the remote control the air conditioner can be operated up to a distance of approx. 8 metres.

1x Child remote control: The indoor unit is delivered together with 1 extra "Child "remote control. The child remote control is very easy to use and is especially designed by Zibro for easy operation by children. The outlook of the remote control is designed to emphasise the child look and feel. This very simple remote control allows the (child-) user to operate the indoor unit with only 3 restricted functions: 1- unit on/off, 2-louver auto move, or (when pressed again) louver stop moving, 3- timer off (unit will stop operating in 2 hours after pressing this button). Because of these restricted functionalities it is safe to have the child operating the aircon basic functions all by him/her-self. The parent does not need to worry al all. In any case the parent can control the aircon completely with the also delivered "parent " remote control which has all the functionalities included to completely control the aircon.

Cooling + dehumidifying + heating (heat pump): The air conditioning is a complete air treatment system. It can cool, dehumidify and heat the air.

Air conditioning: In COOLING mode the unit produces a pleasant and refreshing cool airflow.

Heating: In HEATING mode the unit produces a warm and comfortable airflow. Because also the free of charge energy from the outdoor air is used the efficiency of the system can reach up to 340%

Dehumidifying: In DRY mode the unit dehumidifies the air in the room as efficient as possible. Note: In COOLING mode the air is also dehumidified.

Inverter technology: maximum comfort: The Zibro DC Inverter Wall Mounted Split air conditioner continuously adjusts the cooling and heating capacity according the desired room temperature. When the desired temperature is reached, the compressor speed is gradually decreased to maintain the room temperature with a minimum of variation. By varying gradually the compressor capacity, the expected lifetime as well as the experienced comfort level will increase. Looking at the experienced comfort level for the user of the inverter system: Non-inverter air conditioners, which operate at a constant speed, must turn on/off the compressor to control the room temperature causing less comfortable temperature fluctuations.

Inverter technology: minimum energy consumption: The compressor starts to slow down as the room temperature reaches the desired temperature. As a result, the over all power consumption is reduced significantly (up to 35% less than non inverter/ conventional types).

Easy installation via "spanner Quick Connector System" : The air conditioner is provided with a Spanner type Quick connection system which makes it easy to connect indoor unit with outdoor unit, simply pull the lever without the needs for tools. There is no need for additional brazing anymore. From enviromental point of view it is required that final installation / putting into operation is done via certified refrigeration (f-gasses) engineer.

Connection via flexible tubes: The air conditioner is provided with Stainless Steel flexible refrigerant gas line and Soft Copper refrigerant liquid line. Due to these flexible lines the installation can be done in the most easiest way without the risk of folding/ cracking.

EXTRA: frost protection in outdoor unit: The outdoor unit is provided with a PTC heating cable. When the system is working as a heater in the wintertime the PTC heating cable will keep the drip pan in the outdoor unit clear of ice, making sure the condensate water can reach the drain point. Furthermore also the compressor crankcase is provided with a heating cable. Ensuring the unit can perform and start up at extreme wheather conditions.

SC3125 KIDS AIR CONDITIONER

EXTRA: anti-corrosion treatment in outdoor unit: The Zibro Golden Fin corrosion treatment on the outdoor condenser heat exchanger improves the heating efficiency and accelerates the defrosting process. The unique anti corrosive Golden Fin coating can withstand salty air and rain in a superb way resulting in a longer expected lifetime of the condenser.

EXTRA: Home "Freezing prevention" Button: Upon pressing this button, dadicated on the parents RC, the unit will go into the freezing prevention mode. The unit will overrule the indoor temperature setting and set it to approx 8-10°C. In this way preventing your home from freezing during cold periods at the lowest possible energy consumption. When this mode is selected the indoor unit display will show "FP". This button can only be operated in heating mode.

Environment friendly refrigerant R410A: The most preferred and environmental friendly refrigerant R410a is used in the air conditioner.

Turbo mode: With the Turbo mode the air conditioner will reach the preset temperature in the shortest possible time.

1x Child remote control: The indoor unit is delivered together with 1 extra "Child "remote control. The child remote control is very easy to use and is especially designed by Zibro for easy operation by children. The outlook of the remote control is designed to emphasise the child look and feel. This very simple remote control allows the (child-) user to operate the indoor unit with only 3 restricted functions: 1- unit on/off, 2-louver auto move, or (when pressed again) louver stop moving, 3- timer off (unit will stop operating in 2 hours after pressing this button). Because of these restricted functionalities it is safe to have the child operating the aircon basic functions all by him/her-self. The parent does not need to worry al all. In any case the parent can control the aircon completely with the also delivered "parent " remote control which has all the functionalities included to completely control the aircon.

2 x Remote control holder: The remote control can be placed in the wall mounted remote control holder which is delivered together with the unit.

Adjustable airflow: The up-down airflow can be automatically changed by using the SWING mode. The left-right airflow can be changed manually.

Sleep Mode: This function enables the air conditioner to increase (cooling) or decrease (heating) automatically 1°C per hour for the first two hours and then maintain the same temperature for five hours after which the air conditioner will stop operating automatically. It maintains the most comfortable temperature and saves energy at the same time.

Fan speed setting: Select with FAN speed button: Automatic, Low, Medium or High. The LCD display on the remote control will show the chosen speed.

Automatic operation: The air conditioning system can be set to automatic operation for the most suitable MODE: Cooling, Dehumidifying or Heating, monitoring the indoor temperature.

Auto restart function: If there is any power failure during operation, the operation status before power failure is memorised and the unit starts operating automatically after power recovery.

Timer: Use TIMER or set a working time between 30 minutes and 24 hours. The preset time appears in the display of the remote control. The unit switches ON or OFF automatically when this time is passed. The Child remote control includes a "timer off" button which will, upon activation, shut off the aircon after 2 hours.

Full colour box: The unit is delivered completely with all auxiliary parts in a full colour box for the indoor unit showing application and operation information in 14 languages. The box is emphasising the complete feeling and atmosphere which one could expect from such a Zibro KIDS aircon.